1137U004WO00

### Original (for SUBMISSION) - printed on 30.05.2003 08:40:18 AM

0	For receiving Office use only			
0-1	International Application No.	;		
0-2	International Filing Date			
0-3	Name of receiving Office and "PCT International Application"			
0-4	Form - PCT/RO/101 PCT Request			
0-4-1	Prepared using			
		(updated 01.04.2003)		
0-5	Petition			
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty			
0-6	Receiving Office (specified by the applicant)	United States Patent and Trademark Office (USPTO) (RO/US)		
0-7	Applicant's or agent's file reference	ffice (USPTO) (RO/US) 137U004W000 IRELESS INFRARED NETWORK TRANSCEIVER ND METHODS AND SYSTEMS FOR OPERATING AME  pplicant only 11 designated States except US MNILUX INC. 30 West Union Street asadena, CA 91103 nited States of America		
1	Title of invention	WIRELESS INFRARED NETWORK TRANSCEIVER AND METHODS AND SYSTEMS FOR OPERATING SAME		
li .	Applicant			
11-1	This person is:	applicant only		
11-2	Applicant for	all designated States except US		
11-4	Name .	OMNILUX INC.		
11-5	Address:	130 West Union Street		
		Pasadena, CA 91103		
		United States of America		
II-6	State of nationality	US		
11-7	State of residence	บร		
111-1	Applicant and/or inventor			
III-1-1	This person is:	applicant and inventor		
III-1-2	Applicant for	all designated States		
III-1-4	Name (LAST, First)	MOURSUND, Carter		
III-1-5	Address:	7875 Flanders Drive		
		San Diego, CA 92126		
		United States of America		
	1			
III-1 <i>-</i> 6	State of nationality	US		





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III-2	Applicant and/or inventor			
III <b>-2</b> -1	This person is:	applicant and inventor		
111-2-2	Applicant for	all designated States		
111-2-4	Name (LAST, First)	ADHIKARI, Prasanna		
111-2-5	Address:	280 East Del Mar Boulevard		
		Pasadena, CA 91101		
		United States of America		
111-2-6	State of nationality	NP		
111-2-7	State of residence	บร		
111-3	Applicant and/or inventor			
III-3-1	This person is:	applicant and inventor		
111-3-2	Applicant for	all designated States		
III-3-4	Name (LAST, First)	CHIU, Joseph		
111-3-5	Address:	1652 Brigden Road		
		Pasadena, CA 91104		
		United States of America		
111-3-6	State of nationality	US		
111-3-7	State of residence	บร		
111-4	Applicant and/or Inventor			
III <b>-4</b> -1	This person is:	applicant and inventor		
111-4-2	Applicant for	all designated States		
111-4-4	Name (LAST, First)	HAKAKHA, Harel		
III- <b>4</b> -5	Address:	210 North Hudson #2221		
		Pasadena, CA 91101		
		United States of America		
III-4-6	State of nationality	US		
111-4-7	State of residence	บร		
III-5	Applicant and/or inventor			
II <b>i-5-</b> 1	This person is:	applicant and inventor		
111-5-2	Applicant for	all designated States		
111-5-4	Name (LAST, First)	ULMER, Christopher		
111-5-5	Address:	380 South Mentor Avenue #1		
		Pasadena, CA 91106		
		United States of America		
111-5-6	State of nationality	US		
111-5-7	State of residence	US		

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IV-1	Agent or common representative; or address for correspondence				
	The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the	agent			
IV-1-1	competent International Authorities as: Name (LAST, First)	BRANDT, Jeffrey			
IV-1-2	Address:	Axiom Legal Solutions c/o PortfolioIP			
		P.O. Box 52050			
		Minneapolis, MN 55402			
		United States of America			
IV-1-3	Telephone No.	203-438-1077			
IV-1-4	Facsimile No.	866-422-4530			
IV-1-5	Agent's registration No.	31,490			
V	Designation of States				
V-1	Regional Patent	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM			
	(other kinds of protection or treatment, if any, are specified between parentheses	ZW and any other State which is a			
	after the designation(s) concerned)	Contracting State of the Harare Protocol			
		and of the PCT			
		EA: AM AZ BY KG KZ MD RU TJ TM and any			
		other State which is a Contracting State			
		of the Eurasian Patent Convention and of			
		the PCT			
		EP: AT BE BG CH&LI CY CZ DE DK EE ES FI			
		FR GB GR HU IE IT LU MC NL PT RO SE SI			
		SK TR and any other State which is a			
		Contracting State of the European Patent			
		Convention and of the PCT			
		OA: BF BJ CF CG CI CM GA GN GQ GW ML MR			
		NE SN TD TG and any other State which is			
		a member State of OAPI and a Contracting State of the PCT			
V-2	National Patent	AE AG AL AM AT AU AZ BA BB BG BR BY BZ			
-	(other kinds of protection or treatment, if	CA CH&LI CN CO CR CU CZ DE DK DM DZ EC			
	any, are specified between parentheses after the designation(s) concerned)	EE ES FI GB GD GE GH GM HR HU ID IL IN			
	1 3 11 1,0,1 11 11 11	IS JP KE KG KP KR KZ LC LK LR LS LT LU			
		LV MA MD MG MK MN MW MX MZ NI NO NZ OM			
		PH PL PT RO RU SC SD SE SG SK SL TJ TM			
		TN TR TT TZ UA UG US UZ VC VN YU ZA ZM			
		ZW			







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V-5	Precautionary Designation Statement	T
•-5		
	In addition to the designations made under items V-1, V-2 and V-3, the	
	applicant also makes under Rule 4.9(b)	
	all designations which would be	
	permitted under the PCT except any	
	designation(s) of the State(s) indicated under item V-6 below. The applicant	
	declares that those additional	
	designations are subject to confirmation	
	and that any designation which is not	·
	confirmed before the expiration of 15 months from the priority date is to be	, , , , , , , , , , , , , , , , , , ,
	regarded as withdrawn by the applicant	
	at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national	
VI-1-1	application Filing date	
		03 June 2002 (03.06.2002)
VI-1-2	Number	10/162,541
VI-1-3	Country	US
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	03 June 2002 (03.06.2002)
VI-2-2	Number	10/162,475
VI-2-3	Country	us
VI-3	Priority document request	
	The receiving Office is requested to	VI-1, VI-2
	prepare and transmit to the International Bureau a certified copy of the earlier	·
	application(s) identified above as	
	item(s):	
VII-1	International Searching Authority	United States Patent and Trademark
	Chosen	Office (USPTO) (ISA/US)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's	-
	entitlement, as at the international filing	
	date, to apply for and be granted a patent	
VIII-3	Declaration as to the applicant's	
	entitlement, as at the international filing	
	date, to claim the priority of the earlier application	
VIII-4	Declaration of inventorship (only for the	
- 111 -	purposes of the designation of the	-
	United States of America)	
VIII-5	Declaration as to non-prejudicial	-
	disclosures or exceptions to lack of novelty	
	1	

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### **PCT REQUEST**



1137U004WO00

IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	37	-
IX-3	Claims	17	-
X-4	Abstract	1	EZABST00.TXT
X-5	Drawings	24	-
IX-7	TOTAL	84 .	
	Accompanying items	paper document(s) attached	electronic file(s) attached
X-8	Fee calculation sheet	<b>✓</b>	-
X-17	PCT-EASY diskette	-	Diskette
X-18	Other (specified):	Postcard	-
X-18	Other (specified):	Transmittal	-
X-19	Figure of the drawings which should accompany the abstract	2A	
X-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	H. T. T.	
X-1-1	Name (LAST, First)	BRANDT, Jeffrey	

### FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported International application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	·
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

44.4	Date of receipt of the record copy by	
11-1	pate of receipt of the record copy by	
	the International Bureau	
	ule international bureau	





# PCT (ANNEX - FEE CALCULATION SHEET) Original (for SUBMISSION) - printed on 30.05.2003 08:40:18 AM

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only	1		
0-1	International Application No.			
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
	<u> </u>	<u> </u>		
0-4	Form - PCT/RO/101 (Annex)	1		<del></del>
V-4	PCT Fee Calculation Sheet	·		
0-4-1	Prepared using	PCT-EASY Vers	ion 2.92	
	•	(updated 01.0	4.2003)	
0-9	Applicant's or agent's file reference	1137U004W000		
2	Applicant	OMNILUX INC.,	et al.	
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (USD)	
12-1	Transmittal fee T	⇒	240	
12-2-1	Search fee S	₽	700	
12-2-2	International search to be carried out by	US		
12-3	International fee			
	Basic fee			
	(first 30 sheets) b1	476		
12-4	Remaining sheets	54		
12-5	Additional amount (X)	12		
12-6	Total additional amount b2	648		
12-7	b1 + b2 = B	1,124		
12-8	Designation fees	1,127		
	Number of designations contained in international application	95		
12-9	Number of designation fees payable (maximum 5)	5		
12-10	Amount of designation fee (X)	104		
12-11	Total designation fees D	520		
12-12	PCT-EASY fee reduction R	-148		
12-13	Total International fee (B+D-R)	<b>D</b>	1,496	
12-14	Fee for priority document	·		
	Number of priority documents requested	2		
12-15	Fee per document (X)	20		
12-16	Total priority document fee P	⇒	40	
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇔	2,476	
12-19	Mode of payment	cheque		
12-20	Deposit account instructions			
	The receiving Office:	Imited States	Patent and Trademark	
		Office (USPTO)		
12-20-	Authorization to charge any deficiency		(KU/US)	
2	or credit any overpayment in the total fees indicated above.			
12-20- 3	Authorization to charge the fee for priority document.	<b>✓</b>		